

What is claimed is:

1. A data recording apparatus,
comprising:
means for storing data;
means for encrypting data on the basis of a password determined by a user;
means for writing data in a recording medium;
means for controlling said storing means, said encrypting means and said writing means;
wherein said control means stores data, which are sent from outside of said apparatus, in said storing means,
encrypts the data stored in said storing means and/or data of a system area of the recording medium, which are used for recognizing the recording medium, by said encrypting means, on the basis of the password so as to make the encrypted data and/or the encrypted system area data,
writes the encrypted data and/or the encrypted system area data in the recording medium by said writing means, and
writes an identification datum, which identifies that the data written in the recording medium are encrypted, in the recording medium by said writing means.
2. The data recording apparatus according to claim 1,
wherein an ancillary password to be added to the password is previously stored in said storing means, and
said control means writes a datum related to the ancillary password in the recording medium as the identification datum.
3. The data recording apparatus according to claim 1,

wherein said recording medium is an optical disk.

4. The data recording apparatus according to claim 3,
wherein said optical disk is a CD-R or a CD-RW, and
the identification datum is written in an RID area.
5. A method of identifying data written in a recording medium,
comprising the steps of:

reading data, which are written in a recording medium by a data recording apparatus, in which the data are stored in storing means, the data stored in the storing means and/or data of a system area of the recording medium, which are used for recognizing the recording medium, are encrypted on the basis of a password so as to generate the encrypted data and/or the encrypted system area data, the encrypted data and/or the encrypted system area data are written in the recording medium, and an identification datum, which identifies that the data written in the recording medium are encrypted, are written in the recording medium; and

checking existence of the identification datum in the recording medium so as to identify if the data written in the recording medium are encrypted or not.

6. The method according to claim 5,
wherein the optical disk is a CD-R or a CD-RW, and
the identification datum is written in an RID area.